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2555 GRAND B	OULEVARD , MO 64108-2613	[清]		Caroline K.	Schurle		(Depositor's name)
KANSAS CITT	, 1010 04100-2013	N.	A STATE OF T	assali K		لكع	(Signature)
			AR 0 8 2010 trans	3/05/2010			(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		TTORNEY DOCKET NO.		CONFIRMATION NO.
10/665,560	09/22/2003		Kent D. Parkins	Parkins CRN			6167
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE	FEE TOTAL F	EE(S) DUE	DATE DUE
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EXAMINER		ART UNIT	CLASS-SUBCLASS]			
NGUYEN, TRAN N		3626	705-002000				
1. Change of corresponde CFR 1.363). Change of corresp Address form PTO/SI "Fee Address" ind PTO/SB/47; Rev 03-C Number is required.	ence address or indication ondence address (or Cha 3/122) attached. ication (or "Fee Address 2 or more recent) attack	ange of Correspondence i" Indication form hed. Use of a Customer	2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.				
3. ASSIGNEE NAME A	ND RESIDENCE DAT	A TO BE PRINTED ON	THE PATENT (print or type data will appear on the p	pe) atent If an assisme	e is identified be	olow the do	ocument has been filed for
recordation as set fort	less an assignee is ident h in 37 CFR 3.11. Com	nned below, no assignee pletion of this form is NO				now, the de	ocument has been filed for
(A) NAME OF ASSI	GNEE		(B) RESIDENCE: (CITY	and STATE OR C	OUNTRY)		

PLEASE NOTE: Unless an assignee is	identified below, no assignee data will a	ppear on the patent. If an assigne	e is identified below, the document	nt has been filed for
recordation as set forth in 37 CFR 3.11.	Completion of this form is NOT a substitu	ite for filing an assignment.		

Cerner Innovation, Inc.

Overland Park, KS

Please check the appropriate assignee category or categories (will not be	printed on the patent): 🔲 Individual 🖾 Corporation or other private group entity 🚨 Government
Aa. The following fee(s) are submitted: Issue Fee Publication Fee (No small entity discount permitted) Advance Order - # of Copies	 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) ☑ A check is enclosed. ☑ Payment by credit card. Form PTO-2038 is attached. ☑ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 19-2112 (enclose an extra copy of this form).
5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.	☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).
NOTE: The Issue Fee and Publication Fee (if required) will not be accept	ted from anyone other than the applicant; a registered attorney or agent; or the assignee or other partycin

interest as shown by the records of the United States

Authorized Signature

Date ___03/05/2010

Typed or printed name Kristin D. Smith

63545 Registration No.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.S. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 12/29/2009 Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below. SHOOK, HARDY & BACON L.L.P. (Cerner Corporation) Intellectual Property Department 2555 GRAND BOULEVARD MAR 0 8 2010 Caroline K. Schurle KANSAS CITY, MO 64108-2613 عمو (Signature 03/05/2010 (Da ATTORNEY DOCKET NO. CONFIRMATION NO. FIRST NAMED INVENTOR APPLICATION NO. FILING DATE 6167 CRNI.107552 Kent D. Parkins 10/665,560 09/22/2003 TITLE OF INVENTION: SYSTEM AND METHOD FOR MULTI-DIMENSIONAL EXTENSION OF DATABASE INFORMATION TOTAL FEE(S) DUE **DATE DUE** PREV. PAID ISSUE FEE **ISSUE FEE DUE PUBLICATION FEE DUE** SMALL ENTITY APPLN. TYPE 03/29/2010 \$1810 \$1510 \$300 NO nonprovisional **CLASS-SUBCLASS** EXAMINER **ART UNIT** 3626 705-002000 NGUYEN, TRAN N Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list Shook Hardy & Bacon LLP (1) the names of up to 3 registered patent attorneys ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) (A) NAME OF ASSIGNEE Overland Park, KS Cerner Innovation, Inc. ☐ Individual ☐ Corporation or other private group entity ☐ Government Please check the appropriate assignee category or categories (will not be printed on the patent): 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) 4a. The following fee(s) are submitted: A check is enclosed. Issue Fee Payment by credit card. Form PTO-2038 is attached. Publication Fee (No small entity discount permitted) The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 19-2112 (enclose an extra copy of this fo Advance Order - # of Copies (enclose an extra copy of this form). 5. Change in Entity Status (from status indicated above) 山 b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States-Patent and Trademark Office. 03/05/2010 Authorized Signature 63545 Typed or printed name Kristin D. Smith Registration No. This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. 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